

AMENDMENTS

IN THE CLAIMS:

What is claimed is

- Sub (B1)
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1. (Currently amended) In a serial bus module having a plurality of link devices, a method for presenting the plurality of link devices as separate nodes comprising:
 - a) creating an individual configuration ROM image for each link device in said plurality of link devices in said serial bus module; and
 - b) presenting said configuration ROM images for each said link device.
 2. (Previously amended) The method of claim 1 wherein each said configuration ROM image includes an entry for a distinct identifier for a corresponding link device.
 3. (unchanged) The method of claim 2 wherein said presenting said configuration ROM image comprises:
 - a) receiving from one of said link devices a block request and a link ID; and
 - b) providing configuration ROM associated with said link ID.
 4. (Previously amended) The method of claim 1 wherein said creating and presenting said configuration ROM image are carried out by transaction layer software.
 5. (Currently amended) A serial bus module device comprising:
 - a) a plurality of link layer devices;
 - b) a transaction layer software; and

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- c) for each of said link layer device in said module device, a distinct configuration ROM image presented by said transaction layer software.
 - 6. (unchanged) The serial bus module device of claim 5, wherein each said link layer device includes an associated global unique identifier, and wherein each said configuration ROM image includes a corresponding entry for said associated global unique identifier.
 - 7. (Currently amended) A communication system comprising:
 - a) a plurality of serial bus modules; and
 - b) a serial bus connected to each said serial bus modules, at least one of said modules comprising a plurality of link layer devices, a transaction layer software, and for each of said link layer device in said plurality, a distinct configuration ROM image presented by said transaction layer software.
 - 8. (unchanged) The communication system of claim 7, wherein each said link layer device includes an associated global unique identifier, and wherein each said configuration ROM image includes a corresponding entry for said associated global unique identifier.
 - 9. (Currently amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for presenting a plurality link devices in a single device as separate nodes said method comprising:
 - a) creating an individual configuration ROM image for each link device in said plurality of link devices in said single device; and

b) presenting said configuration ROM image for each said link device.

10. (unchanged) The program storage device of claim 9 wherein each said configuration ROM image includes a entry for a distinct identifier for a corresponding link device.

11. (unchanged) The program storage device of claim 10 wherein said presenting said configuration ROM image comprises:

- a) receiving from one of said link devices a block request and a link ID; and
 - b) providing configuration ROM associated with said link ID.
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